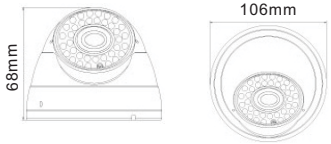
DIGITAL VIDEO CAMERA
User manual

Vandalproof IR Dome Camera

24PCS Φ5MM IR LEDS

EN-DBI20 Series

Interface



Warning & Attention

WARNING

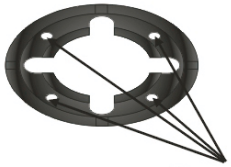
Please don't open camera,it's with danger of electronic shock.

Attention:
To reduce the danger of electronic shock ,please don't open the case(or back cover)of camera ;everything is on the surface of camera for user operation, please seek help from qualified professionals for repair.

Attention items:

- **Don't touch CCD or lens;**
- **Make camera away from violent attack;**
- **Don't use any unidentified power supply;**
- **Make camera lens away from strong light;**
- **Avoid installation in unstable places(shake,wet,high temperature, cold,etc)**
- **Avoid operation out of the following conditions,temperature: -20℃~+50℃,humidity:less than 85%;**

Installation



1.Fix the camera base on the ceiling;

2.Install the camera on the base , turn the lens to a suitable position;

3.Fix the camera on the base;

4.Connect the camera to the monitor.

Attention:

- Be sure to connect power supply after all installation completed;
- Connect GND end with ground;

Specification

Model	EN-DBI20-39	EN-DBI20-35	EN-DBI20-32
Camera Device	Color super Hi-resolutlon camera	Color super Hi-resolutlon camera	Color camera
Image Sensor	1/3" SONY SUPER HAD CCD		
Effective pixels	PAL:795(H)x596(V) NTSC:811(H)x508(V)	PAL:752(H)x582(V) NTSC:768(H)x494(V)	PAL:500(H)x582(V) NTSC:510(H)x492(V)
Sensor area	4.9mmX3.7mm		
Signal system	PAL / NTSC		
Horizontal resolution	550TVL	480TVL	420TVL
Minimum illumination	0 Lux (IR LED ON)		
Electronic shutter	Auto:1/50(1/60)-1/100,000Sec		
S/N ratio	>48dB		
Gamma	0.45		
Lens	3.6mm/F 2.0 lens (4 mm, 6mm) Optional		
Video output	1.0Vp-p,75Ω		
IR wave length	850nm		
Power supply	DC 12V±10%		
Power consumption	less than 3.0W		
IR distance	20M		

Specifications are subject to change without notice